

Application No.: 09/847,326

Docket No.: 20260-00072-US

REMARKS

Claims 29-37 and 39-44 are pending in the application. Entry of the amendments to the claims is requested. The amended claims are directed to the subject matter of FIGS. 14 and 15, wherein it is shown that there is a partial CAN message transferred by radio communication link between the portable control unit and the module connected to the digital link.

Each of these claims recite the format shown in and described in the specification, which are not shown or described in Spaur et al. (U.S. Pat. No. 5,732,074).

U.S. Pat. No. 5,732,074 (hereinafter "Spaur et al.") is directed to a mobile portable wireless communication system. The system of Spaur et al. provides a gateway to communicate between the on board CAN-system of a vehicle and the internet where any remotely connected computer can access information from the CAN-system. The gateway allows the non- real-time exchange of information from the CAN-system to the internet. Spaur et al. is used in a diagnostic application where information from the CAN-system is forwarded to a remote, internet connected computer. It does suggest or provide real-time control of the CAN-system.

The present invention provides for substantially real-time control of a CAN-network using a wireless connection. Using the present invention, activation of the modules and equipment on the CAN-network occurs from the supervising equipment. The control is bidirectional, in that commands for operating the equipment while the user is positioned at the equipment location may be initiated, and messages may be generated at the equipment by the user and displayed on the radio linked supervisory equipment.

Spaur et al. on the other hand does not contemplate the real-time control needed by the present invention. Spaur et al's gateway has a server to collect data and forward it for diagnostic purposes to a computer connected to the internet. Information is collected at a server and converted from the CAN-protocol to TCP/IP protocol and html, which does not provide the real-time control needed by the supervisory function of the present invention.

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The addition of the amendments to the independent claims in the case further distinguishes this subject matter from Spauer et al. Spauer et al. does not disclose any type of partial CAN message which is transmitted wirelessly. Thus, the real-time control provided by the present invention via the wireless link is not realized by Spauer et al.


In view of the foregoing, favorable reconsideration is requested.

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 22-0185, under Order No. 20260-00072-US from which the undersigned is authorized to draw.

Dated:

2/14/05

Respectfully submitted,

By 

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